
Update on Federal Authorizations

As previously reported in the report for December 2018, all required Federal authorizations have been received.

Project Schedule – Construction Status and Work Planned

An updated overall project schedule is provided with this report as Attachment 19-3.

Work Accomplished in June:

1. Air monitoring in accordance with the approved Rhode Island Department of Environmental Management Short Term Response Action Plan is ongoing and continued throughout the month of June 2019.

2. Training in the Environmental Inspector’s (“EI”) duties continues and will be ongoing for all new personnel for the full duration of the Project on a weekly basis and/or as needed. Nine trainings were provided during the month. Attendees included National Grid employees, Kiewit employees, and site workers and supervisory personnel.

3. Continued driving 14” precast concrete piles for slope stability.

4. Completed the 16” precast concrete pile load testing.

5. Continued installing test piles and reaction piles for the micropile load tests.

6. Installed site lighting throughout the laydown yard.

7. Completed installing fence, turnstile, guard shacks, facilities, and parking lot.

8. Cleared brush from northern fence line.

9. Excavated around driven pile in order to cut off pile to specified elevation.

Work Planned for July:

1. Complete driving of the 14” precast concrete piles for slope stability;
2. Complete the test pile program for the micropiles;
3. Demobilize micropile equipment and tooling;
4. Cutoff 14” precast concrete piles to grade; and
5. Install geofabric, marafi, and stone for the load transfer platform.
Problems Encountered and/or Instances of Non-Compliance and Corrective Actions

The problems encountered, contractor nonconformance/ deficiency logs, and each instance of noncompliance observed by the EI during this reporting period are shown below along with the corrective and remedial actions taken and the effectiveness of the implemented actions.

<table>
<thead>
<tr>
<th>Date</th>
<th>Problem/Noncompliance</th>
<th>Remedial Action Taken</th>
<th>Date of Corrective Action</th>
<th>Effectiveness of Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/05/2019</td>
<td>Ensure all soil is soil bins are under cover.</td>
<td>Consolidated stockpile and covered.</td>
<td>06/07/2019</td>
<td>Effective, stockpiled soils covered.</td>
</tr>
<tr>
<td>06/06/2019</td>
<td>Adjust perimeter erosion controls.</td>
<td>Perimeter erosion controls adjusted.</td>
<td>06/10/2019</td>
<td>Effective, restored perimeter controls.</td>
</tr>
<tr>
<td>06/13/2019</td>
<td>Silt sack in CB1 should be cleaned.</td>
<td>Sediment removed.</td>
<td>06/14/2019</td>
<td>Effective, restored drainage of storm water.</td>
</tr>
<tr>
<td>06/13/2019</td>
<td>Remove water from two secondary containments.</td>
<td>Water removed.</td>
<td>06/14/2019</td>
<td>Effective, full capacity of containment restored.</td>
</tr>
<tr>
<td>06/13/2019</td>
<td>Cover materials in soil stockpile.</td>
<td>Consolidated stockpile and covered.</td>
<td>06/14/2019</td>
<td>Effective, stockpiled soils covered.</td>
</tr>
<tr>
<td>06/21/2019</td>
<td>Remove water from secondary containment.</td>
<td>Water removed.</td>
<td>06/21/2019</td>
<td>Effective, full capacity of containment restored.</td>
</tr>
<tr>
<td>06/25/2019</td>
<td>Crushed stone tracking pad at exit of work zone requires maintenance.</td>
<td>Tracking pad roughened.</td>
<td>06/25/2019</td>
<td>Effective, restored tracking pad.</td>
</tr>
</tbody>
</table>

Releases

<table>
<thead>
<tr>
<th>Date</th>
<th>Material and Quantity Released</th>
<th>Cause</th>
<th>Description</th>
<th>Corrective Action Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/13/2019</td>
<td>0.5 gallons hydraulic oil</td>
<td>Loose hose connection</td>
<td>Hydraulic oil leaked on pile rig and on to soil</td>
<td>Solid surfaces on pile rig wiped with rags, impacted soils removed and placed into drum for disposal</td>
</tr>
</tbody>
</table>

Landowner/Resident Complaints

None during this period.

Correspondence Received From Other Agencies Concerning Noncompliance

No correspondence was received concerning instances of noncompliance from other federal, state, or local permitting agencies.
Special Inspector’s Report

Construction Activities Observed during the reporting period:
- Construction of micropiles used for reaction piles and test piles for load tests.
- Installation of 14-inch precast concrete piles for slope stability.
- Excavation around 14-inch precast concrete piles in preparation for clearance for pile cut off.
- Installation of load test frame and observation of compression and tension load tests performed on 16-inch precast concrete piles.
- Removal of asphalt in slope stability area.

Discrepancies reported to Contractors:
- The water to cement ratio for mixed grout used in the reaction micropiles and test micropiles was not in accordance to the specification. The contractor will change the grout mix to meet specifications prior to construction of production piles.
- One or more 14-inch precast concrete piles were driven more than 6 inches from the proposed location due to possible obstruction causing the pile to walk while hammering. The engineer of record submitted a memorandum for a change in tolerance to 1 foot. The contractor will submit an RFI.

Uncorrected discrepancies reported to Engineer of Record:
- An approximate 2-foot long portion of concrete chipped off above the splice that connected a 60-foot bottom concrete pile and 25-foot top concrete pile while driving the pile in the slope stability area. Kiewit drove the pile to target depth. NCR #0002 was submitted and is under review by the contractor and engineer of record.
- One or more driven 14-inch driven precast concrete piles were driven out of tolerance for plumbness. NCR #0003 has been submitted and is under review by the contractor and engineer of record.

Outstanding NCRs:
See Attached Register

All work requiring special inspection was, to the best of my knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions.

Yes No See discrepancies list above

/s/ Kristian Theriault July 1, 2019
Special Inspector Date
## NON-CONFORMANCE REGISTER

<table>
<thead>
<tr>
<th>NCR Ref:</th>
<th>Issue Date</th>
<th>NCR Description</th>
<th>Agreed NCR Corrective Action</th>
<th>Actual Close Out Date</th>
<th>Closed Out By Name</th>
<th>Root Cause 1</th>
<th>Root Cause 2</th>
<th>NCR Issued To (Name)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR010-RPT-001</td>
<td>6/11/2019</td>
<td>Contract section 3.20.6 states the Contractor shall be responsible to store, protect and maintain all equipment.</td>
<td></td>
<td></td>
<td></td>
<td>Supervision</td>
<td>Vendor</td>
<td>Delbert Evans PQM</td>
</tr>
<tr>
<td>SR010-RPT-001A r1</td>
<td>6/11/2019</td>
<td>Incorrect paint applied on vessels at GCAW was not properly addressed by Kiewit with an NCR per Section 18 of the QMS r3</td>
<td></td>
<td></td>
<td></td>
<td>Documentation</td>
<td>Design</td>
<td>Delbert Evans PQM</td>
</tr>
<tr>
<td>SR010-RPT-002</td>
<td>6/23/2019</td>
<td>Section 12.0 of the Kiewit QMS requires all documents that are replaced to be stamped as voided or superseded</td>
<td></td>
<td></td>
<td></td>
<td>Documentation</td>
<td>Documentation</td>
<td>Delbert Evans PQM</td>
</tr>
<tr>
<td>SR010-RPT-003</td>
<td>6/23/2019</td>
<td>National Grid requested Kiewit to provide (2) RT film packages for audit purposes related to the GCAW Adsorber PO. These documents were not provided after several requests spanning a (6) week period</td>
<td></td>
<td></td>
<td></td>
<td>Vendor</td>
<td>Other</td>
<td>Delbert Evans PQM</td>
</tr>
</tbody>
</table>